

Size : 2800 x 2070 x 8 mm



## Physical & Technical Properties

### Melamine Impregnated Paper (Only)

Properties	Test Method	Unit	Value
Edge chipping tolerance	SANS 4586-2	mm	≤ 5 mm
Resistance to surface wear	SANS 4586-2 Clause 6	cycles	50 - 100
Resistance to scratching*	SANS 4586-2 Clause 15	N	≥ 1.5
Dimensional stability at 20°C	SANS 4586-2 Clause 11	%	< 0.6
Resistance to cracking	SANS 4586-2 Clause 14	Grade <sup>b</sup>	≤ 1
Resistance to cigarette burns	SANS 4586-2 Clause 18	Rating <sup>c</sup>	≥ 4
Resistance to dry heat	SANS 4586-2 Clause 8	Rating <sup>c</sup>	≥ 4
Resistance to steam	SANS 4586-2 Clause 10	Rating <sup>c</sup>	≥ 4
Resistance to staining <sup>d</sup>	SANS 4586-2 Clause 16 B	Rating <sup>c</sup>	≥ 4

- Low Emissions
- Dimensional Stability
- Dimensional Integrity
- Drilling
- Easy To Mill
- Easy To Clean
- Ideal For Cnc Machining
- Screw Holding Integrity
- Scratch Resistant
- Stain Resistant

### Application

- Home, Office, Restaurant furniture
- Kitchen and bath cabinets
- Wall paneling
- Store fixtures
- General decoration

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**Board Properties (Minimum Spec)**

Properties	Test Method	Unit	Value
Internal Bond	EN 319	N/mm <sup>2</sup>	0.4
Bending Strength (MOR)	EN 310	N/mm <sup>2</sup>	11
Modulus of Elasticity (MOE)	EN 310	N/mm <sup>2</sup>	1800
Surface soundness	EN 311	N/mm <sup>2</sup>	0.8
<b>TOLERANCES</b>			
Thickness (SANDED) within and between boards	EN 324-1	mm	±0.3
Thickness (UNSANDED) within and between board	EN 324-1	mm	-0.3 + 1.7
Length and width	EN 324-1	mm	± 5
Edge straightness	EN 324-2	mm per m	1.5
Squareness	EN 324-2	mm per	2
Flatness	SANS 5969	mm per m	5
Moisture content	EN 322	%	5 - 13
Tolerance on mean density within a board	EN 323	%	±10 %
Formaldehyde	ISO 12460-5	mg/100g board	E1 < 8
		mg/100g board	E2 < 20
Sale size normally 5 - 20 mm oversize (length and width)			
<b>OTHER PROPERTIES AND SPECS NOT PRESCRIBED IN SANS 50312</b>			
Screw holding face	EN 320	N	> 900
Screw holding edge	EN 320	N	> 600
Surface absorption	BS EN 382-1	mm	> 250
Fire Rating	SANS 10177-3	Class	Class 5